

IN THE ABSTRACT

Please amend the Abstract to read:

correcting  
305 -8309  
Kevin Poole

--Gene products from the expression of exogenous genes  
inserted into synthetically modified vaccinia virus so as to  
contain the genes.--

IN THE SPECIFICATION

Page 1, lines 1 to 4, please rewrite the first sentence  
to read:

--This application is a division of U.S. application  
Serial No. 07/537,882, filed June 14, 1990, now U.S. Patent No.  
5,110,587, which in turn is a continuation of U.S. application  
Serial No. 07/090,209, now abandoned, which in turn is a division  
of U.S. application Serial No. 06/622,135, filed June 19, 1984,  
now U.S. Patent No. 4,722,848, which in turn is a continuation-  
in-part of application Serial No. 06/446,824, filed December 8,  
1982, now U.S. Patent No. 4,603,112, which in turn is a  
continuation-in-part of application Serial No. 06/334,456, now  
U.S. Patent No. 4,769,330.

A2  
Sub  
P21

Kevin Poole

not enabled  
his neg  
pivotality

no neg  
data  
not enabled

may  
no sig - not  
enabled -

expression of  
HSV TC gene  
only

The invention described herewin was made with the  
support of the Federal Government and the Federal Government has  
certain rights in the invention.--

Page 7, after line 2, insert the following paragraph:

--In the following text, reference is made to a number  
of microorganisms, both known and novel, most of which are  
deposited in a public repository and have been given

A3

identification numbers. These microorganisms and their repository numbers are tabulated below for sake of convenient reference:

<u>ORGANISM</u>	<u>ATCC NO.</u>
WR strain of vaccinia virus	VR 119
WR strain of vaccinia virus, S-variant	VR 2034
WR strain of vaccinia virus, L-variant	VR 2035
Syrian hamster kidney cells	CCL-10
CV-1 cells	CCL-70
VP-1	VR 2032
VP-2	VR 2030
VP-3	VR 2036
VP-4	VR 2033
VP-5	VR 2028
VP-6	VR 2029
VP-7	VR 2042
VP-8	VR 2053
VP-9	VR 2043
VP-10	VR 2044
VP-11	VR 2045
VP-12	VR 2046
VP-13	VR 2047
VP-14	VR 2048
VP-16	VR 2050

*A<sup>3</sup> Cont*

VP-17	VR 2051
VP-18	VR 2052
VP-22	VR 2054
VTK-79	VR 2031
VTK-79L	VR 2056
VP-53	VR 2060
VP-59	VR 2061
VP-60	VR 2062
VTK-11	VR 2027
pDP122B	39736
pDP252	39735
pBL540A	68574--.

*a<sup>3</sup>  
Concl'd*

Page 8, line 24, replace "8" by --7--.

Page 17, line 20, replace "3A and 3B" by --3B and

3A--.

*What  
occurred  
N.E.?*

Page 18, line 22, replace "with" by --within--.

Page 21, line 23, after "Nakano" insert --(Nakano et

*a<sup>4</sup>* al., Proc. Nat'l Acad. Sci. USA 79, 1982 1593-1596)--.

Page 31, line 28, correct the spelling of

--phosphorylation--.

Page 32, line 3, replace "or" by --of--.

Page 36, line 3, replace "mg" by --md--.

Page 38, line 7, replace "ATTC" by --ATCC--.

Page 44, line 9, replace "serum" by --antiserum--.

Page 46, line 2, replace "within" by --with--.

Page 50, line 28, replace "and the production of"  
by --, thus producing--.

Page 52, line 5, after "No." insert --VR 2054--.

Page 56, line 8, after "ATCC" insert --39736--;

line 29, after "ATCC" insert --39735--.

Page 58, line 22, after "ATCC" insert --68574--.

Page 95, line 21 (last line), replace "I" by --II--.

Page 96, line 1, replace "I" by --II--;

third line from the bottom, replace "45" by  
--41--.

N.E. Page 97, line 3, cancel "the"; after "Table" insert  
--III--;

line 6, replace "II" by

--III--;

line 23, replace "III" by --IV--.

Page 98, line 1, replace "III" by --IV--.

Page 105, line 22, after "No." insert  
--VR 2056--;

line 24, replace "as" by --or--.

Page 112, line 31, after "ATCC" insert --39735--.

Page 115, line 17, after "ATCC" insert --68574--.